

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021435.D
 Acq On : 08 Aug 2024 02:32
 Operator : CG/JU
 Sample : PB162410BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS410

Quant Time: Aug 08 04:00:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	154797	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.375	136	711021	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.251	164	433988	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.075	188	1048531	20.000	ng/u1	-0.02
79) Chrysene-d12	21.522	240	1090491	20.000	ng/u1	-0.01
88) Perylene-d12	24.804	264	1266591	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	21330	6.270	ng/uL	-0.02
4) Pyridine-d5	3.570	84	226520	23.001	ng/u1	-0.02
7) Phenol-d5	6.828	99	356031	28.211	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.958	67	206748	27.032	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.158	132	281213	27.045	ng/u1	-0.02
15) 4-Methylphenol-d8	8.346	113	278821	26.601	ng/u1	-0.02
21) Nitrobenzene-d5	8.769	128	137668	24.928	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.481	143	158004	24.997	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.040	165	285854	25.010	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.546	131	364034	24.042	ng/u1	-0.01
46) Dimethylphthalate-d6	13.663	166	900489	28.543	ng/u1	-0.02
49) Acenaphthylene-d8	13.940	160	1015077	28.654	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.581	143	150984m	33.636	ng/u1	0.00
60) Fluorene-d10	15.269	176	780565	30.158	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.457	200	156798	24.715	ng/u1	0.00
73) Anthracene-d10	17.175	188	1226955	26.346	ng/u1	-0.02
81) Pyrene-d10	19.563	212	1584144	23.497	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.574	264	1681262	26.914	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	38989	10.421	ng/uL	97
5) Pyridine	3.587	79	222542	21.909	ng/u1	92
6) Benzaldehyde	6.793	77	184456m	28.991	ng/u1	
8) Phenol	6.858	94	376174	29.457	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.046	93	284493	26.967	ng/u1	97
12) 2-Chlorophenol	7.193	128	297169	28.515	ng/u1	98
13) 2-Methylphenol	8.075	108	237212	24.018	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.128	45	331666	21.761	ng/u1#	94
16) Acetophenone	8.434	105	465471	28.773	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.405	70	229561	27.082	ng/u1	97
18) 4-Methylphenol	8.405	108	305913	28.913	ng/u1	91
19) Hexachloroethane	8.652	117	123304	26.330	ng/u1	98
22) Nitrobenzene	8.811	77	356761	26.968	ng/u1	98
23) Isophorone	9.328	82	654626	24.891	ng/u1	98
25) 2-Nitrophenol	9.511	139	174389	26.453	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	268159	20.628	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.799	93	392435	24.548	ng/u1	100
29) 2,4-Dichlorophenol	10.075	162	284979	25.299	ng/u1	99
30) Naphthalene	10.422	128	960360	25.678	ng/u1	100
32) 4-Chloroaniline	10.569	127	347423	24.028	ng/u1	98
33) Hexachlorobutadiene	10.669	225	200386	23.725	ng/u1	98
34) Caprolactam	11.405	113	101337m	29.204	ng/u1	
35) 4-Chloro-3-methylphenol	11.722	107	341599	27.899	ng/u1	100
36) 2-Methylnaphthalene	12.040	142	658854	25.663	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	671660	25.438	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	381263	27.051	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	42752	5.798	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	219311	24.626	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	251836	26.726	ng/ul	98
43) 1,1'-Biphenyl	13.069	154	867906	27.364	ng/ul	99
44) 2-Chloronaphthalene	13.116	162	700888	27.681	ng/ul	99
45) 2-Nitroaniline	13.363	65	229777	32.816	ng/ul	94
47) Dimethylphthalate	13.710	163	914913	28.581	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	188962	29.525	ng/ul	100
50) Acenaphthylene	13.969	152	1153835	28.768	ng/ul	99
51) 3-Nitroaniline	14.222	138	180376	32.388	ng/ul	98
52) Acenaphthene	14.316	153	697788	26.212	ng/ul	97
53) 2,4-Dinitrophenol	14.469	184	77637	23.100	ng/ul	99
55) 4-Nitrophenol	14.604	109	93806	25.691	ng/ul	97
56) Dibenzofuran	14.663	168	940007	25.786	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	255181	29.046	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.922	232	176540	21.879	ng/ul	95
59) Diethylphthalate	15.098	149	820653	25.652	ng/ul	100
61) Fluorene	15.328	166	897259	30.162	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.322	204	456373	28.272	ng/ul	99
63) 4-Nitroaniline	15.422	138	207014	44.885	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.469	198	166080	24.686	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	764807	25.048	ng/ul	100
68) 4-Bromophenyl-phenylether	16.234	248	292119	23.769	ng/ul	98
69) Hexachlorobenzene	16.357	284	354394	25.149	ng/ul	99
70) Atrazine	16.545	200	26328	2.366	ng/ul	92
71) Pentachlorophenol	16.757	266	129988	16.984	ng/ul	96
72) Phenanthrene	17.122	178	1473508	27.090	ng/ul	99
74) Anthracene	17.216	178	1467027	26.456	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	386138	23.009	ng/uL	100
76) Pentachlorobenzene	14.581	250	361683	21.689	ng/uL	99
77) Carbazole	17.522	167	1388976	30.641	ng/ul	100
78) Di-n-butylphthalate	18.069	149	1595833	25.517	ng/ul	100
80) Fluoranthene	19.216	202	1861464	22.863	ng/ul	99
82) Pyrene	19.592	202	1979206	23.889	ng/ul	99
83) Butylbenzylphthalate	20.533	149	781868	22.650	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	670005	26.888	ng/ul	98
85) Benzo(a)anthracene	21.504	228	2035349	26.644	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	990548	19.940	ng/ul	99
87) Chrysene	21.569	228	1915800	26.990	ng/ul	100
89) Di-n-octyl phthalate	22.627	149	1862132	22.255	ng/ul	100
90) Benzo(b)fluoranthene	23.757	252	2083432	27.106	ng/ul	99
91) Benzo(k)fluoranthene	23.822	252	2113391	27.551	ng/ul	99
93) Benzo(a)pyrene	24.645	252	1908421	26.275	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.533	276	2518414	26.907	ng/ul	99
95) Dibenzo(a,h)anthracene	28.574	278	2069165	26.697	ng/ul	99
96) Benzo(g,h,i)perylene	29.704	276	1941991	25.477	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

